

### **REMARKS**

The Final Office Action of October 13, 2005, has been reviewed and considered by the Applicants. The claims have not been amended. Claims 6-10, 12-18, 20, 21, and 24-26 remain pending. Applicants request reconsideration of the Application.

In paragraphs 5-8 of the Office Action, the Examiner used Yuh (US 6,177,219) in several 103(a) rejections to teach the use of a photogenerating pigment in a hole blocking layer. Because Applicants believe the use of this reference is incorrect in each of those rejections, Applicants traverse those rejections here.

As the Examiner noted in paragraph 7 of the Office Action on page 20, Yuh teaches a charge blocking layer having dispersed within a plurality of n-type organic particles. As noted in the prior Amendment dated 25 July 2005, the imaging member of the instant claims is a positively charged member. Yuh teaches that electron blocking layers for positively charged photoreceptors permit holes to migrate from the imaging surface to the conductive layer; see col. 5, lines 1-3. N-type particles transport electrons, whereas p-type particles transport holes; see col. 6, lines 29-41. However, Yuh teaches only the use of n-type particles in his blocking layer. See, for example, the abstract; col. 6, lines 49-50; claim 1 (all explicitly reciting n-type particles). For a positively charged member, as in the instant claims, the blocking layer would need to contain p-type particles. Yuh does not teach the use of p-type particles in his blocking layer, nor would one of ordinary skill in the art read Yuh as teaching their use. All of the preferred materials, such as BZP and titanium oxide (see col. 7, lines 50-52), are listed as n-type particles. Indeed, p-type particles are mentioned again only as suitable charge generating materials in the imaging layer; see col. 8, lines 52-53. As such, Yuh teaches away from using p-type particles. See MPEP § 2145(X)(D). Yuh therefore would not render the instant claims obvious.

In paragraph 5 of the Office Action, claims 6-10, 12-16, 20, 21, 25, and 26 were rejected under 35 U.S.C. 103(a) as obvious over the combination of Yuh (6,177,219), Liu (6,277,535), and Kondo (4,424,267). Applicants traverse the rejection. Yuh is

inapplicable to the hole blocking layer of the instant claims for the reason discussed above. The other references do not remedy the deficiency. As such, not all claim limitations are met. MPEP § 2143.03. Applicants request withdrawal of the 103(a) rejection.

In paragraph 6, claim 24 was rejected under 35 U.S.C. 103(a) as obvious over the combination of Yuh, Lin, Kondo, Knauf, and Hendrickson. Applicants traverse the rejection. Any claim depending from a non-obvious claim is itself non-obvious. MPEP § 2143.03; *In re Fine*. Applicants request withdrawal of the 103(a) rejection.

In paragraph 7, claims 6-10, 12-18, 21, 25, and 26 were rejected under 35 U.S.C. 103(a) as obvious over the combination of Pai (5,316,880), Yuh, Lin, and Kondo. Applicants traverse the rejection. Yuh is inapplicable to the hole blocking layer of the instant claims for the reason discussed above. The other references do not remedy the deficiency. As such, not all claim limitations are met. MPEP § 2143.03. Applicants request withdrawal of the 103(a) rejection.

In paragraph 8, claim 24 was rejected under 35 U.S.C. 103(a) as obvious over the combination of Pai, Yuh, Lin, Kondo, Knauf, and Hendrickson. Applicants traverse the rejection. Any claim depending from a non-obvious claim is itself non-obvious. MPEP § 2143.03; *In re Fine*. Applicants request withdrawal of the 103(a) rejection.

### **CONCLUSION**

For this reason, all pending claims (6-10, 12-18, 20, 21, and 24-26) are believed to be in a condition for allowance. The foregoing comments do not require unnecessary additional search or examination.


In the event the Examiner considers personal contact advantageous to the disposition of this case, he/she is hereby authorized to call Richard M. Klein, at Telephone Number (216) 861-5582.

Respectfully submitted,

FAY, SHARPE, FAGAN,  
MINNICH & McKEE, LLP

December 13, 2005

Date



Richard M. Klein (Reg. No. 33,000)  
1100 Superior Avenue, 7<sup>th</sup> Floor  
Cleveland, Ohio 44114-2579  
(216) 861-5582